

**AMENDMENTS TO THE SPECIFICATION**

Please amend the paragraph beginning on page 6, line 27 as follows:

The electrons freed from said cathode material 12 are accelerated by said high-voltage electric field and impact on the anode material 15. Due to the high velocity of the electrons specific X-ray radiation is generated within the anode material. The X-ray radiation will escape the vacuum cavity 11-17 towards the tissue of the patient in which the X-ray source device is implanted due to the fact that the cover 11-11b is manufactured from a material which is highly transparent for X-ray radiation.

Please amend the paragraph beginning on page 7, line 4 as follows:

In a preferred embodiment of the X-ray ~~source~~source device according to the invention the cathode is of a gated field emission type with a ferro-electric emitter allowing to control the electron flow more accurately independent of the accelerating high-voltage applied for generating the high-voltage electric field between the anode and the cathode.